

206210-BL655N6 82,974

100

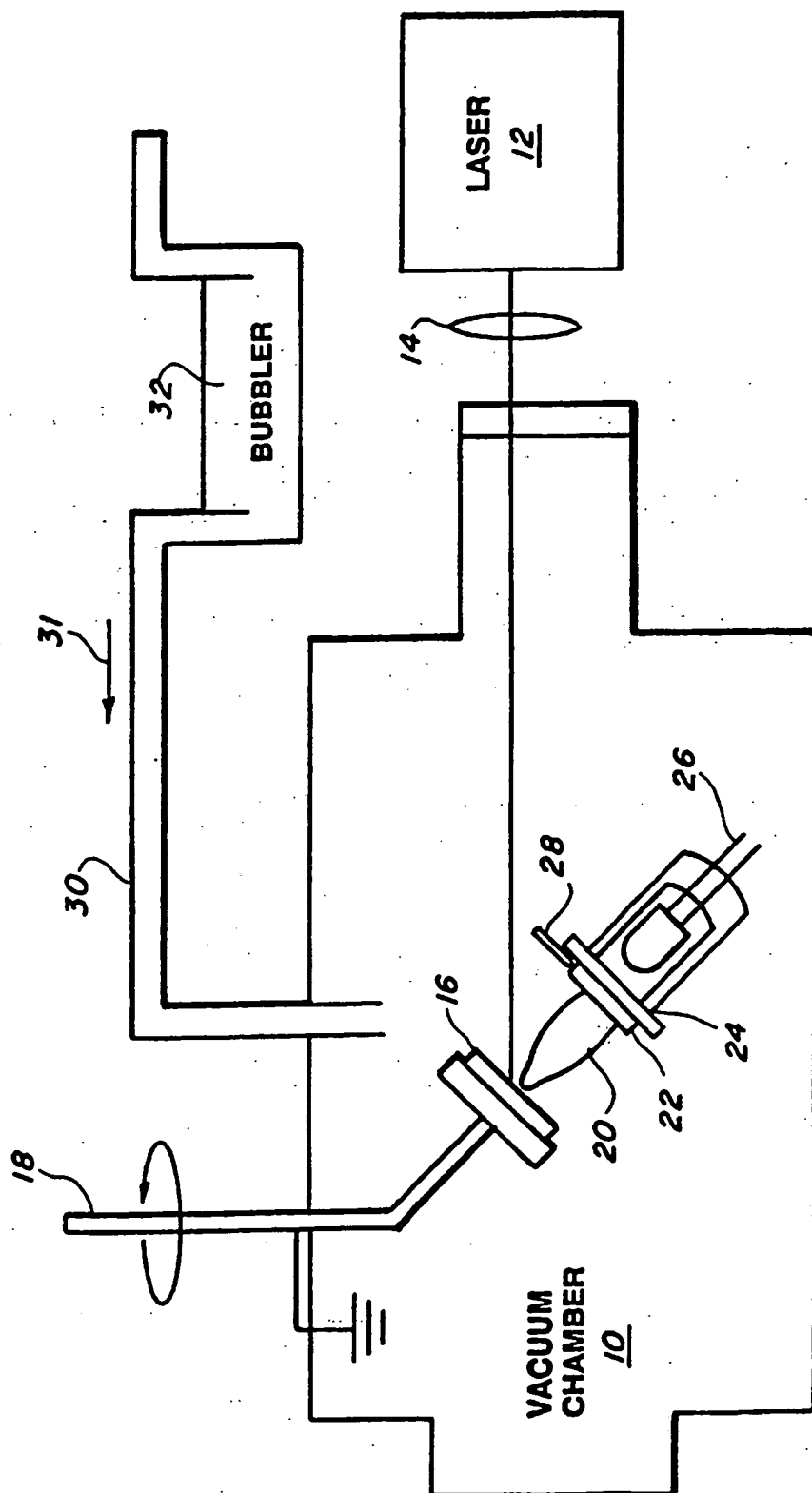


FIG. 1

Comparison of Infrared Absorption Spectra for PEG (1450) Films

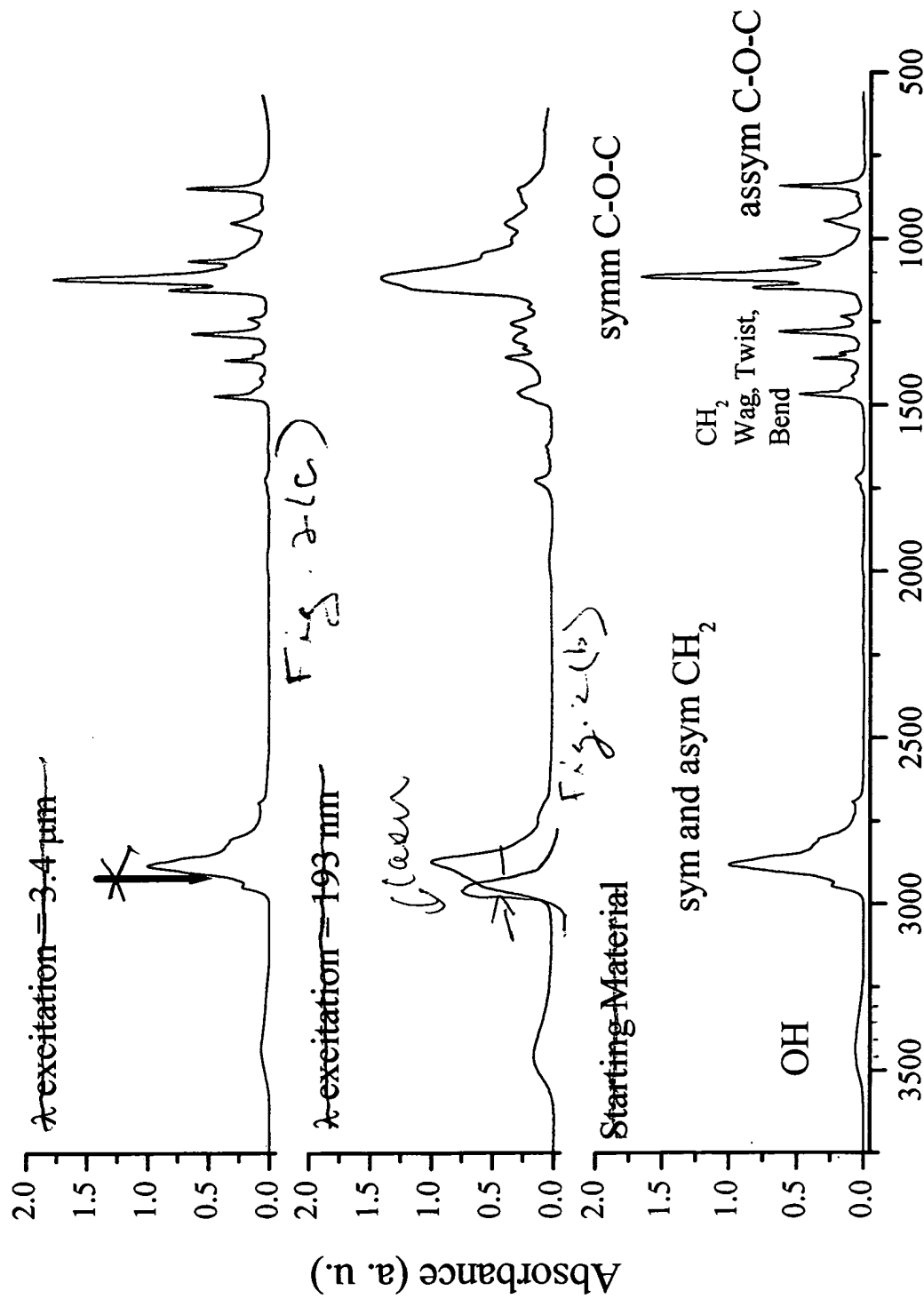
Wavenumber (cm^{-1})

Fig. 2(a)

Figure 2

Comparison of Infrared Absorption Spectra for PEG (1450) Films

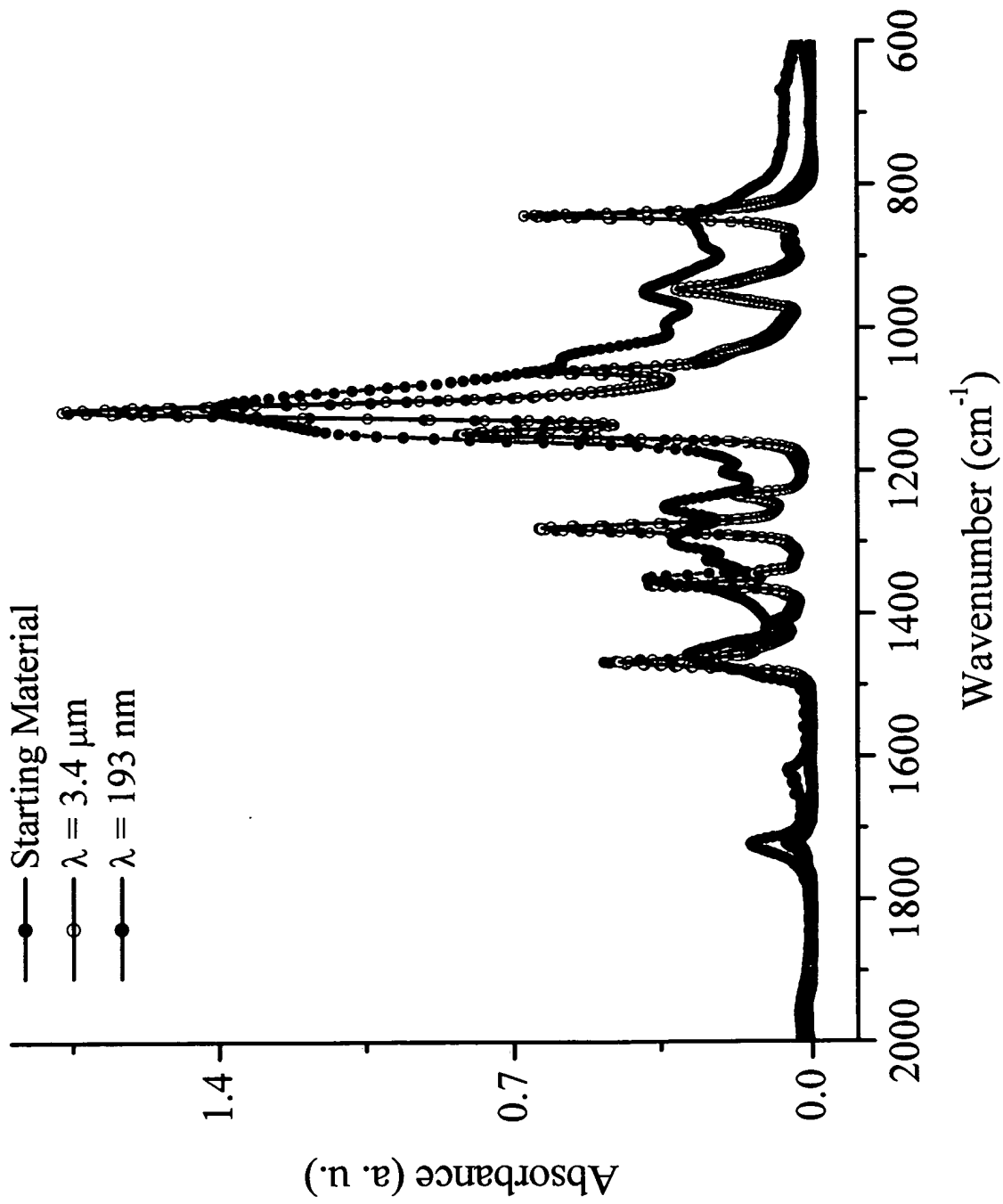


Figure 3

ESI Mass Spectrum of PEG Films Deposited Using FEL

$\lambda = 2.9 \mu\text{m}$
 $M_n = 1508 \text{ amu}$
 $M_w = 1523 \text{ amu}$

12

doubly charged ions

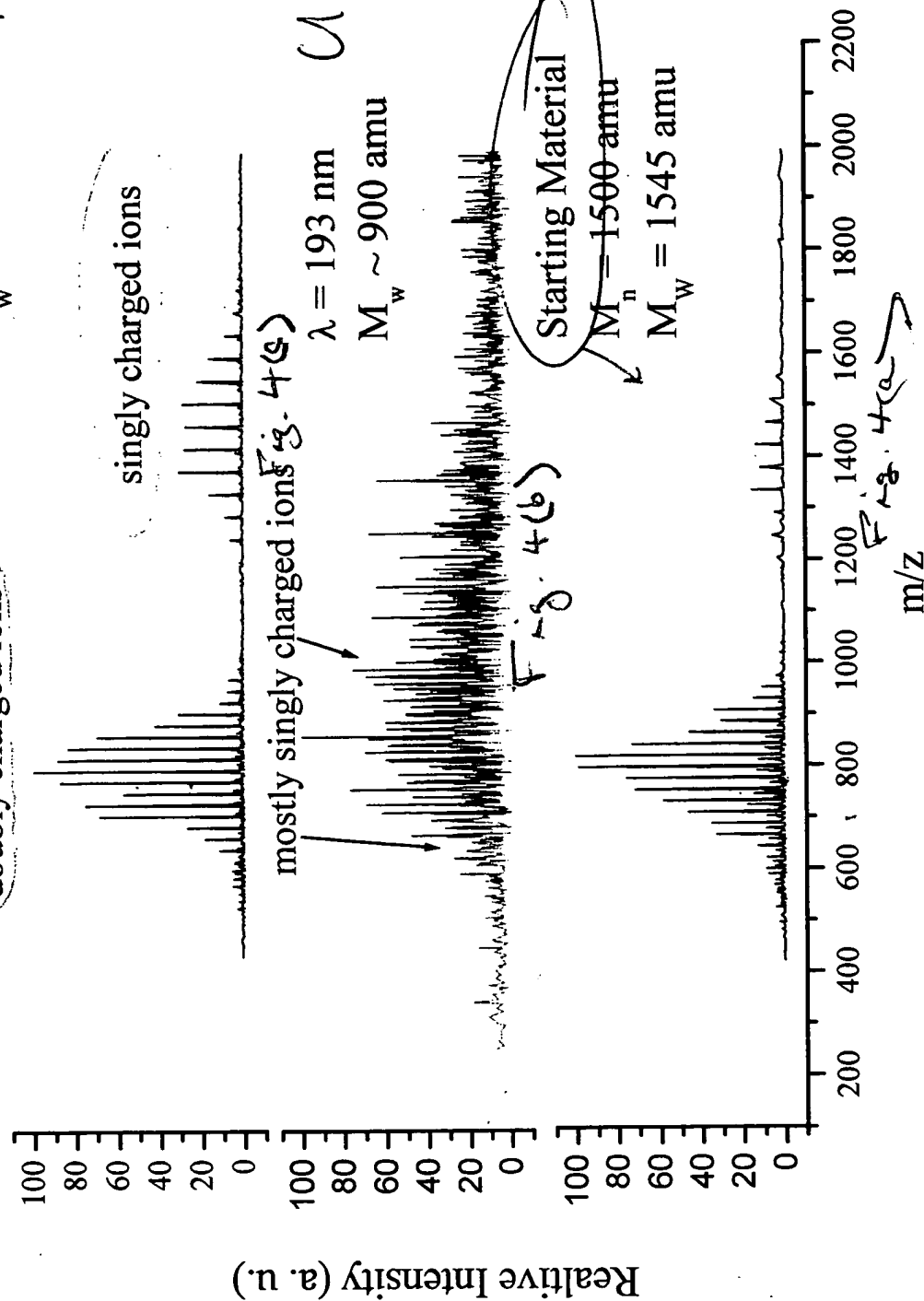


Figure 3/4

Comparison of Resonant and Non-resonant Excitation

- STD
- OFF Resonance (3.3 μm)
- ON Resonance (3.4 μm)

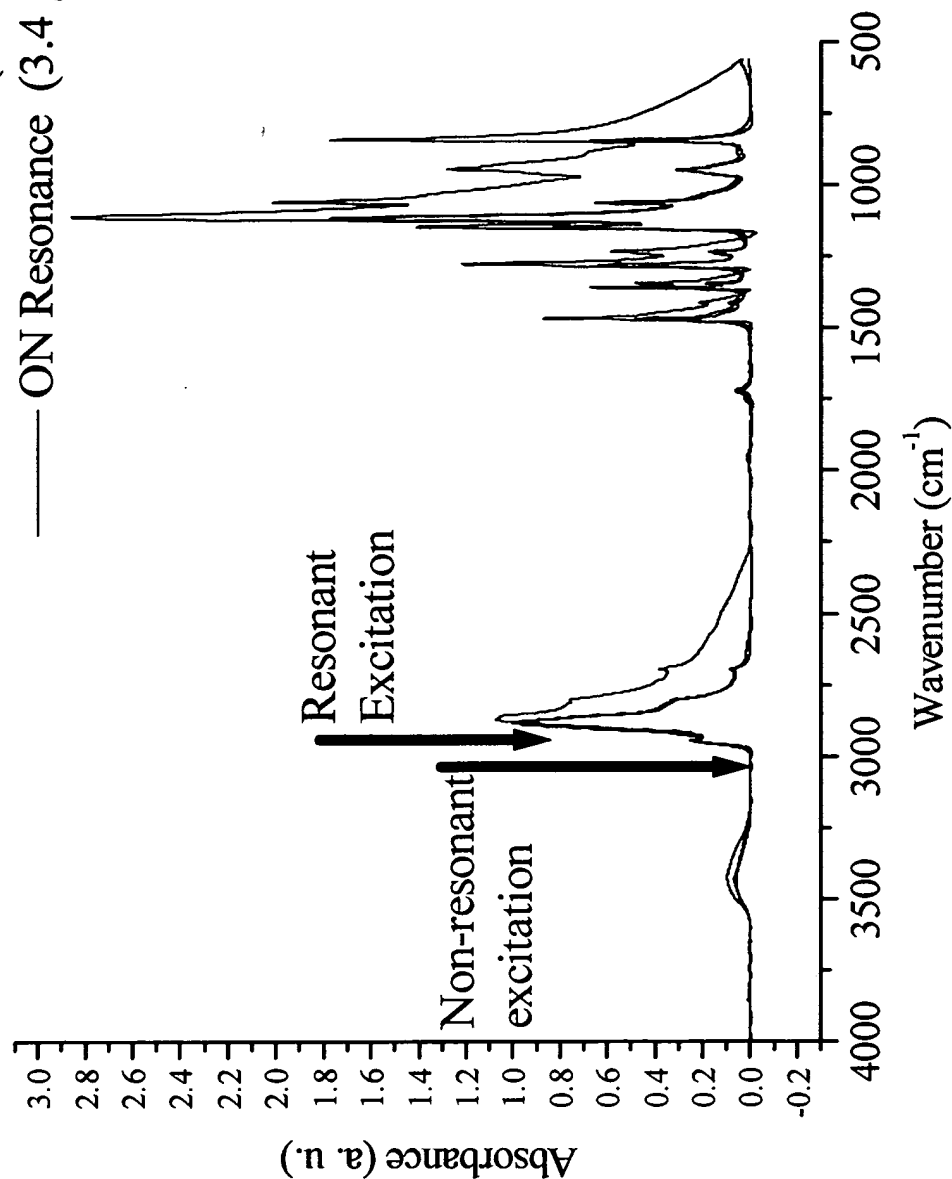


Figure 5

Subtracted Absorbance Spectra for Resonant and Non-resonant Excitation

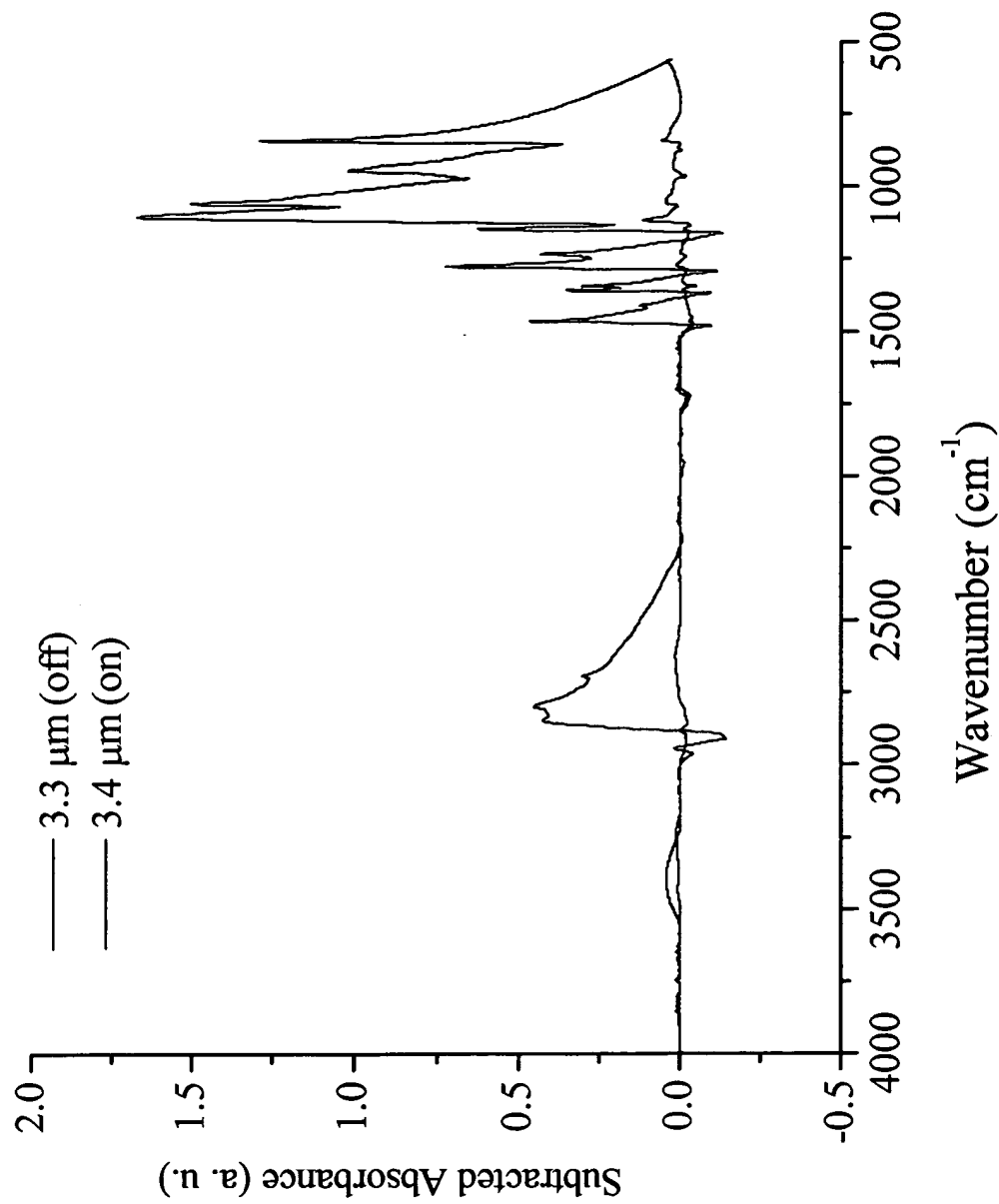


Figure 8

Absorption Spectra For PLCA Thin Films

Poly(DL-lactide-co-caprolactone)

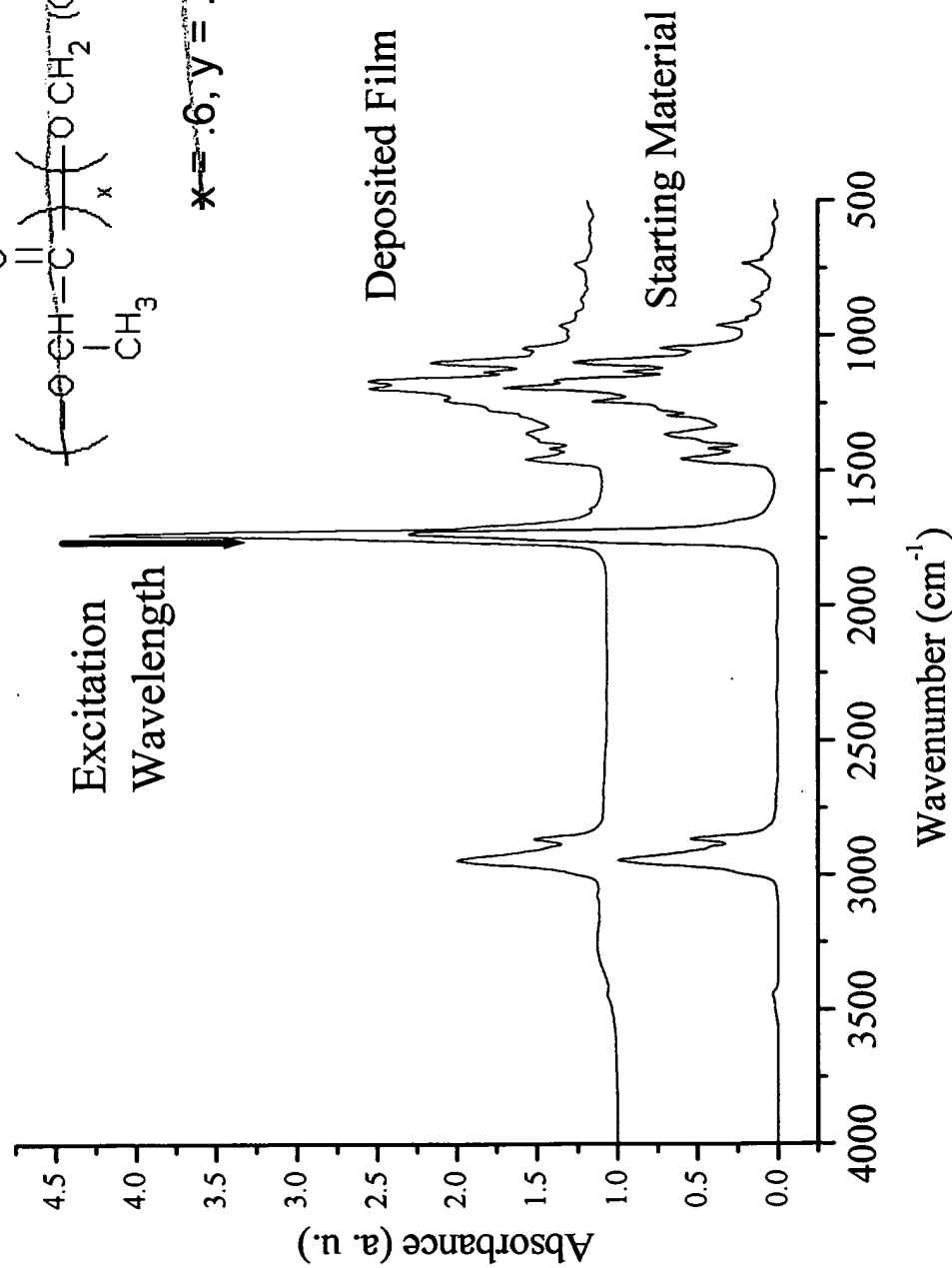
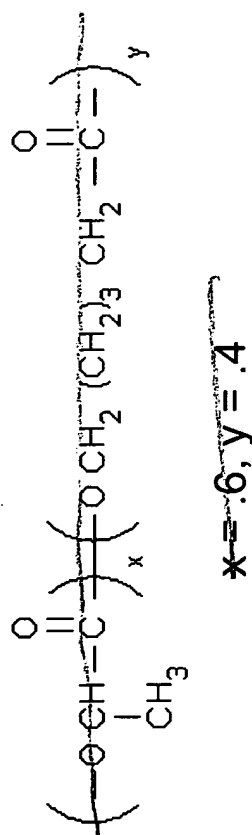


Figure 7

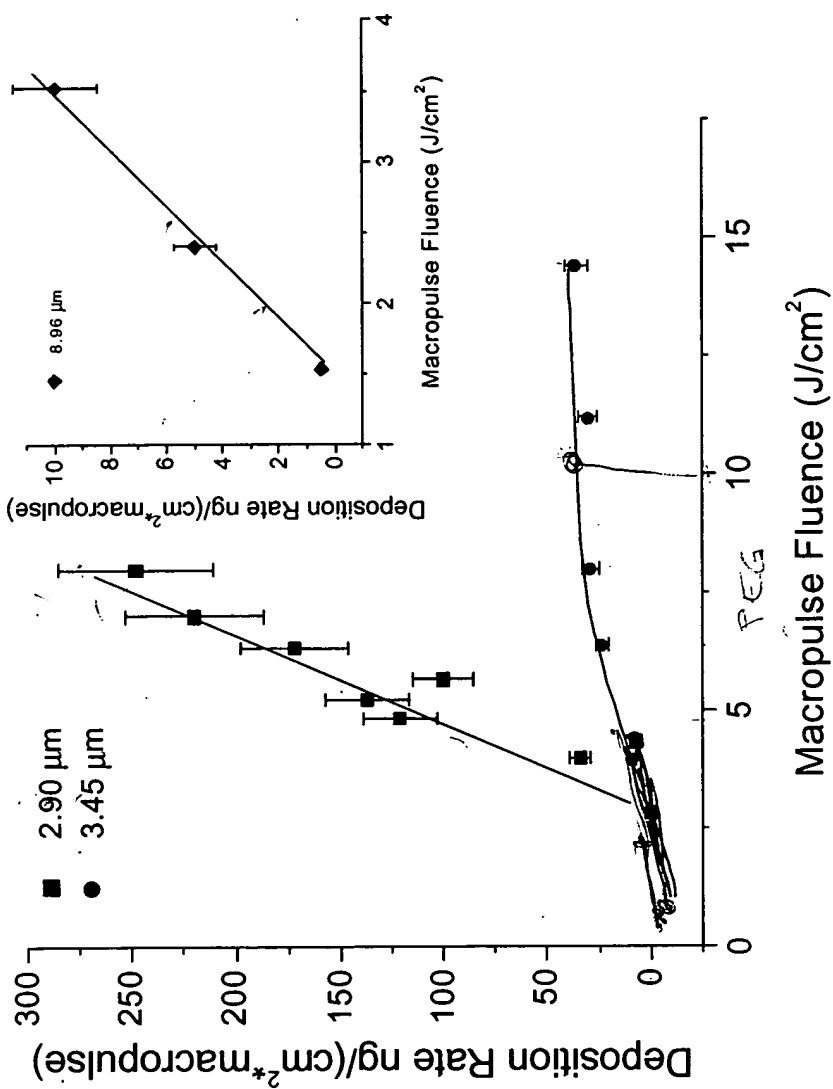


Figure 8